

Top Secret

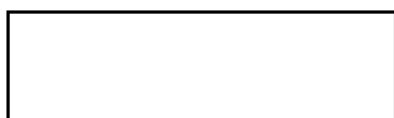


DIRECTORATE OF
INTELLIGENCE

Imagery Analysis Service Notes

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CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

IMAGERY ANALYSIS SERVICE NOTES NO. 11/70

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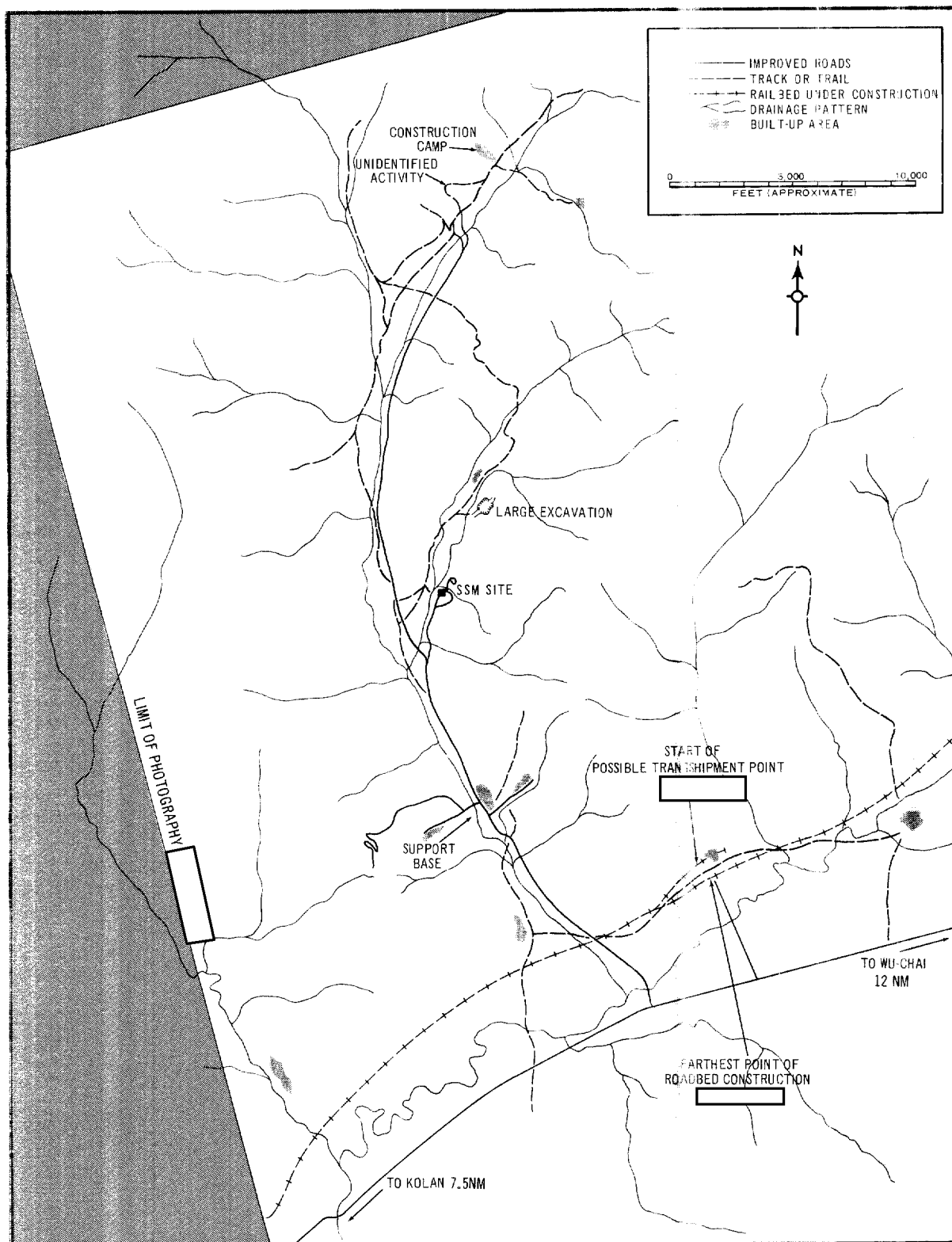


FIGURE 1. RAIL CONSTRUCTION NEAR THE WU-CHAI SSM SITE,

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CHINA

Renewed Activity Observed at SAM Training Facilities

Photography acquired thus far in [] shows renewed activity at the Chinese SAM training facilities at Shan-tan. At Shan-tan A, where classroom and procedural instruction in the SA-2 system is conducted, a new revetted SA-2 site was under construction in [] and training exercises were underway at two of the five existing training sites. At Shan-tan B, where live missile firings are conducted, two of the four SA-2 sites were seen occupied in [] whereas none was occupied in []

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Figure 2 provides a chronology of the available SA-2 sites and their occupancy at both of the Shan-tan training areas since they were established.

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USSRTraining Facilities for Helicopter Weaponry at Airmobile Installations

Facilities to train gunners in weapons firing from simulated in-flight helicopters have been identified on photography at the two Soviet installations near the Chinese border which are known to have airmobile units: Mogocha Army Barracks AL-1 and Magdagachi Army Barracks AL-1 (see Figure 3). These training facilities are unique and readily recognizable, and thus are good indicators of airmobile training.

At Mogocha, a cabin to simulate a helicopter in flight has been placed on top of a 30-foot-high tower mounted on a 10-foot-wide track. A static target area and a 315-foot-long target run are located about 1,230 feet downrange. At Magdagachi, a cabin atop a mobile tower and a short section of track have been constructed, but there is yet no evidence of a related target run.

Another potential indicator of airmobile units is air-to-ground gunnery targets; several such targets which are probably used by helicopters for live gunnery training are located in a valley near Mogocha.

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LOCATION MAP.

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KH-4 photography of [] indicates that the Soviets are now processing gold ore from the new Muruntau field in the Kyzyl Kum Desert of Uzbekistan.

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The ore concentration plant which serves the field was completed between [] The presence of waste in the tailings pond of the plant on [] coverage indicates that ore concentration has begun. The stripping of overburden has continued in the mining area and ore is being extracted.

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According to Soviet geologists, this is probably the richest single gold field ever discovered in the USSR.

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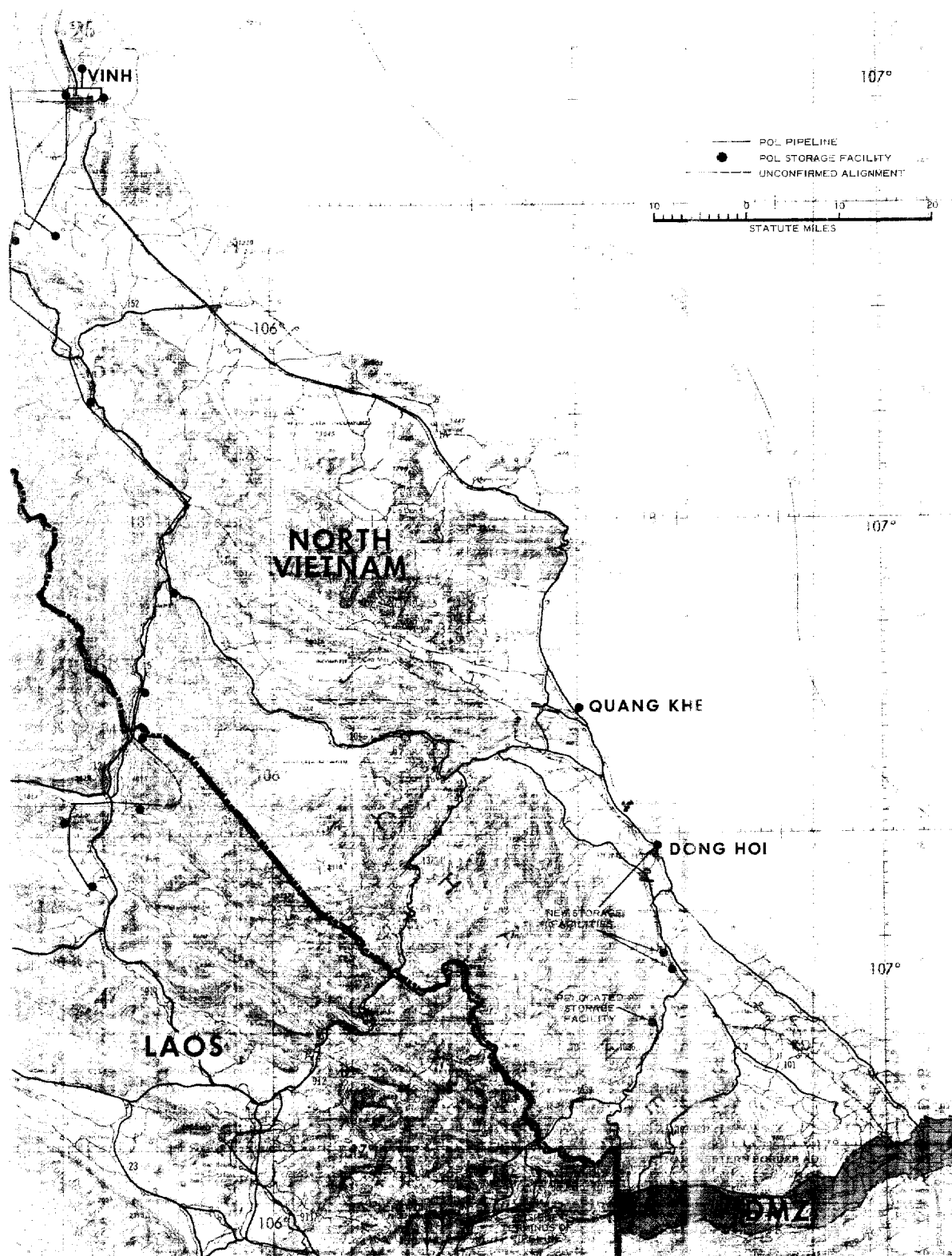


FIGURE 4. STATUS OF POL PIPELINES FROM NORTH VIETNAM INTO LAOS, [REDACTED]

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NORTH VIETNAM/LAOSAdditional POL Pipeline System Under Construction

The North Vietnamese are constructing a new POL pipeline system which will probably link either Dong Hoi or Quang Khe with the Tchepone area in Laos. The construction will provide a second POL pipeline system into Laotian territory from North Vietnam.

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Construction of the new pipeline was first observed on photography of [] in the Xe Banghiang Valley in Laos. To date about 13 nm of pipeline has been identified in that area. Early [] photography reveals about 5 nm of intermittent new pipeline in North Vietnam along Routes 1039, 1036, and 101 (see Figure 4).

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Two new POL storage facilities along Route 101 will probably be connected to the pipeline, and an existing POL storage facility along Route 1036 is being relocated closer to the new pipeline. A POL trans-shipment facility is now in use at Quang Khe and a similar facility is being constructed at Dong Hoi. These two ports are active coastal trans-shipment points.

To reach Tchepone, the new pipeline will pass through about 25 nm of Laotian territory, whereas the existing pipeline, which runs through Mu Gia Pass, would have had to extend through about 80 nm of Laotian territory. The new pipeline system will also serve traffic on Route 1036/1039, an increasingly important infiltration route into Laos since the completion of Route 1039 in []

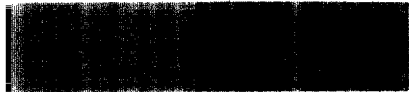
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